

# Mitigating Impacts from Mined Lands through Remining and Reclamation



## Purpose

Coal remining is mining lands that were abandoned from older mining operations. Remining can reclaim these abandoned mine lands (AMLs) and improve the quality of the environment and eliminate the hazards within the impacted areas. The effects of AML reclamation through remining on the local hydrology and hydrogeology conditions, as well as the associated environmental and ecological benefits will be investigated in this study.

## Impact

The success of this project is expected to provide quantitative justification to advance reclamation and remining approaches that mitigate acid mine drainage (AMD) and increase secondary coal recovery.

With the participation of and support from academia, mine operators, and regulatory agencies in this project, this proposed project will provide outcomes that can positively impact the practice and regulation of surface mining and mine land reclamation.

This project will help bring to the forefront new approaches to onsite and offsite mitigation for AMD and other mined land reclamation projects.

*Photos depict B&N Coal Co.'s remining operation in Noble County*

## Ohio State Colleges/Units Involved

College of Engineering/Civil,  
Environmental, and Geodetic  
Engineering  
School of Earth Sciences  
Office of Energy and Environment

## Community Partners Involved

Ohio Department of Natural  
Resources, Division of Mineral  
Resources and Management  
(ODNR-DMRM)  
The Ohio Coal Association (OCA)  
B&N Coal  
Oxford Mining



## How you can get involved:

- Support our efforts on mitigating environmental impacts associated with coal mining.
- Funding to support students' environmental research.

## To get involved, contact:

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